

In the Claims

1.-131. (Cancelled)

132. (Currently Amended) A nanofiber synthetic paper comprising disarranged nanofibers made of a thermoplastic polymer alloy, ~~and of 1 to 500 nm in the number average single fiber diameter and 60% or more in the sum Pa of single fiber ratios, wherein the freeness of the disarranged nanofibers is 350 or less~~ by melt spinning a polymer alloy into polymer alloy fibers comprising a sea component and island components and then removing the sea component to form the disarranged nanofibers from the island components in a homogeneously dispersed arrangement, and of 1 to 500 nm in the number average single fiber diameter and 60% or more in the sum Pa of single fiber ratios, wherein the freeness of the disarranged nanofibers is 350 or less, and wherein the adequate fiber length of short nanofibers in the nanofiber synthetic paper is 0.1 to 20 mm.

133. (Currently Amended) A nanofiber synthetic paper comprising disarranged nanofibers made of a thermoplastic polymer alloy, ~~and of 1 to 200 nm in the number average single fiber diameter and 60% or more in the sum Pa of single fiber ratios~~ by melt spinning a polymer alloy into polymer alloy fibers comprising a sea component and island components and then removing the sea component to form the disarranged nanofibers from the island components in a homogeneously dispersed arrangement, and of 1 to 200 nm in the number average single fiber diameter and 60% or more in the sum Pa of single fiber ratios, and wherein the adequate fiber length of short nanofibers in the nanofiber synthetic paper is 0.1 to 20 mm.

134. (Previously Presented) A nanofiber synthetic paper, according to claim 132 or 133, wherein the index Pb of extremal coefficient of the single fiber diameters expressing the rate of the fibers falling within a range of plus and minus 15 nm from the number average single fiber diameter defined as the median is 50% or more.

135. (Cancelled)

136. (Previously Presented) A nanofiber synthetic paper, according to claim 132, which has a weight per unit area of 50 g/m² or less.

137. (Previously Presented) A nanofiber synthetic paper, according to claim 132, which has a thickness of 10 μm or more.

138. (Previously Presented) A nanofiber synthetic paper, according to claim 132, which has a density of 0.3 g/cm³ or less.

139. (Previously Presented) A nanofiber synthetic paper, according to claim 132, which has a number average pore area of $1\text{ }\mu\text{m}^2$ or less.

140. (Previously Presented) A nanofiber synthetic paper, according to claim 132 or 133, which has an air permeability of $30\text{ cc/cm}^2/\text{sec}$ or less.

141. (Previously Presented) A nanofiber synthetic paper, according to claim 132, wherein the number of holes with a diameter of $50\text{ }\mu\text{m}$ or more passing through from the front side to the reverse side of the synthetic paper is 0 to 1000 holes/cm^2 .

142. (Previously Presented) A nanofiber synthetic paper, according to claim 132 or 133, which has a surface smoothness of 300 seconds or more.

143. (Previously Presented) A nanofiber synthetic paper, according to claim 132, wherein the thermoplastic polymer constituting the disarranged nanofibers has a melting point of 165°C or higher.

144. (Previously Presented) A nanofiber synthetic paper, according to claim 132, wherein the thermoplastic polymer constituting the disarranged nanofibers is at least one selected from the group consisting of polyesters, polyamides, polyolefins, polyphenylene sulfide, phenol resins, polyacrylonitrile, polyvinyl alcohol, polysulfones, polyurethanes, fluorine-based polymers and their derivatives.

145. (Previously Presented) A nanofiber synthetic paper, according to claim 132, which further contains at least 5 wt% or more of other fibers with a number average single fiber diameter of $1\text{ }\mu\text{m}$ or more.

146. (Previously Presented) A nanofiber synthetic paper, according to claim 132, which further contains other fibers with a number average single fiber diameter of $1\text{ }\mu\text{m}$ or more, and 3 wt% or less of the disarranged nanofibers.

147. (Previously Presented) A nanofiber synthetic paper, according to claim 132, wherein the disarranged nanofibers are laminated on a substrate.

148. (Previously Presented) A nanofiber synthetic paper, according to claim 147, wherein the substrate is selected from a woven fabric, knitted fabric, nonwoven fabric and foam.

149. (Previously Presented) A compound synthetic paper comprising the nanofiber synthetic paper as set forth in claim 132.

150. (Previously Presented) A molded synthetic paper comprising the nanofiber synthetic paper as set forth in claim 132.

151.-159.(Cancelled)